

IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (Currently Amended) A light emitting device comprising:

a resonator structure comprising a first electrode, a second electrode, and a light emitting layer in between the first electrode and second electrode; and

a color filter disposed over the second electrode,

wherein,

the resonator structure resonates light generated in the light emitting layer, and light is extracted from at least the second electrode side of the resonator, and

the materials and thicknesses of the first and second electrodes are selected ~~so such that outside light is reflected from the first and second electrode at substantially the same strength and approximately inverted phases that the strength of the outside light reflected by the first and the second electrodes are substantially the same.~~

2. (Currently Amended)

A light emitting device comprising:

a resonator structure comprising a first electrode, a second electrode, and a light emitting layer in between the first end and second end; and

a color filter disposed over the second electrode;

wherein,

the resonator structure resonates light generated by the light emitting layer, and light is extracted from at least the second electrode side of the resonator,

the materials and thicknesses of the first and second electrodes are selected ~~such that outside light is reflected from the first and second electrode at substantially the same strength~~

and approximately inverted phases so that the strength of the outside light reflected by the first and the second electrodes are substantially the same, and

an optical distance L satisfies mathematical formula 1, where Φ is a phase shift of reflected light generated by the first electrode and the second electrode, L is the optical distance between the first electrode and the second electrode, and λ is a peak wavelength of a spectrum of a light extracted from the second electrode so that the phase of the outside light which is reflected by the first electrode and the phase of the outside light reflected by the second electrode are inverted.

[Mathematical formula 1]

$$(2L)/\lambda + \Phi/(2\pi) = m \quad (m \text{ is an integer which makes } L \text{ positive.})$$

3. (Cancelled)

4. (Previously Presented) A light emitting device according to claim 1, wherein a semi-transparent reflection layer is provided on the second electrode, and the extinction coefficient of the semi-transparent reflection layer is 0.5 or more.

5. (Previously Presented) A light emitting device according to claim 4, wherein the semi-transparent reflection layer has a refractive index of 1 or less.

6. (Cancelled)

7. (Cancelled)

8. (Currently Amended) A display unit comprising:

A display unit comprising:

A plurality of light emitting devices each having a resonator structure comprising a first electrode, a second electrode, and a light emitting layer in between the first and second electrodes; and

a like plurality of colors filters each disposed over a respective second electrode,
wherein,

each resonator structure resonates light generated by the light emitting layer and light is
extracted from at least the second electrode side of the resonator, and

the materials and thicknesses of the first and second electrodes are selected such that
outside light is reflected from the first and second electrode at substantially the same strength
and approximately inverted phases so that the strength of the outside light reflected by the first
and the second electrodes are substantially the same, and

an optical distance L satisfies mathematical formula 1, where Φ is a phase shift of
reflected light generated by the first electrode and the second end, L is the optical distance
between the first and second electrode, and λ is a peak wavelength of a spectrum of a light
extracted from the second electrode so that the phase of the outside light which is reflected by
the first electrode and the phase of the outside light reflected by the second electrode are
inverted.

[Mathematical formula 1]

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer which makes L positive.)

9. (Currently Amended)

A display unit comprising:

a plurality of light emitting devices each having a resonator structure comprising a first
electrode, a second electrode, and a light emitting layer in between the first and second
electrodes;

a like plurality of color filters each disposed over a respective second electrode,
wherein,

the resonator structure resonates light generated by the light emitting layer, and light is extracted from at least the second electrode side of the resonator, and

the materials and thicknesses of the first and second electrodes are selected such that outside light is reflected from the first and second electrode at substantially the same strength and approximately inverted phases so that the strength of the outside light reflected by the first and the second electrodes are substantially the same.

10. (Cancelled)

11. (Previously Presented) A display unit according to claim 8, wherein a semi-transparent reflection layer is provided on the second end, and the extinction coefficient of the semi-transparent reflection layer is 0.5 or more.

12. (Previously Presented) A display unit according to claim 11, wherein the semi-transparent reflection layer has a refractive index of 1 or less.

13. (Cancelled)

14. (Cancelled)